

Author index

Abdel-Razek, R., 227
Assaf, S., 157
Becker, F.D., S31
Betts, M., 13
Bird, B., S23
Bowen, P.A., 21
Bromilow, F.J., S3
Brownlie, S.M., 115
Cochrane, S.R., 45
Davis, C., 45
Ewart, K., 3
Flanagan, R., S53
Harris, F.C., 115
Hughes, W.P., 123
Johnson, R.E., S31
Karni, R., 187
Kendell, A., S53
Kenley, R., 211
Lansley, P.R., 141

Laufer, A., 73, 243
Lowe, J.G., 57, 101
Marshall, H.E., S43
McCaffer, R., 227
Norman, G., S53
Pawsey, M.R., S3
Peer, S., 199
Roberts, J., 95
Robinson, G. D., S53
Scott, D., 169
Sharpe, K., 211
Sherif, A., S31
Shields, J., 3
Silcock, G., 3
Taylor, R.G., 21
Tucker, R.L., 243
Walker, A., 123
Wallace, W.A., S73
Wilson, O.D., 211



Subject index

- Accident costs, accident prevention, construction safety, managers, safety information, 73
- Accident prevention, construction safety, managers, safety information, accident costs, 73
- Benefit-cost analysis, benefit-cost ratio, building economics, economic efficiency, economic evaluation, internal rate of return, life-cycle costing, net benefits, savings-to-investment ratio, standard economic methods, S43
- Benefit-cost ratio, building economics, economic efficiency, economic evaluation, internal rate of return, life-cycle costing, net benefits, savings-to-investment ratio, standard economic methods, benefit-cost analysis, S43
- Building, linear responsibility analysis, systems theory, project management, case study, private industry, 123
- Building, price, cost, index, forecasting, time-series, 21
- Building economics, economic efficiency, economic evaluation, internal rate of return, life-cycle costing, net benefits, savings-to-investment ratio, standard economic methods, benefit-cost analysis, benefit-cost ratio, S43
- Building materials, market structure, government policy, monopoly, 57
- Building research, costs-in-use, design feedback, performance, running costs, S23
- Buildings, costs, life cycle, maintenance, universities, S3
- Business roundtable, construction costs, construction management, inflation, cost control, 95
- Capital costs, costs-in-use, content analysis, S73
- Capital, project funding, international construction, 115
- Case study, private industry, building, linear responsibility analysis, systems theory, project management, 123
- Case-studies, intangibles, evaluation, economics, projects, 169
- Company, information system, development, cost control, construction, 199
- Compliance cost, statistical analysis, fire services order, 3
- Construction, company, information system, development, cost control, 199
- Construction control, information handling, planning deficiencies, planning techniques, purpose of planning, 243
- Construction costs, construction management, inflation, cost control, business roundtable, 95
- Construction industry structure, sub-contracts, labour only sub-contracting, estimating, 227
- Construction management, inflation, cost control, business roundtable, construction costs, 95
- Construction safety, managers, safety information, accident costs, accident prevention, 73
- Content analysis, capital costs, costs-in-use, S73

- Cost control, business roundtable, construction costs, construction management, inflation, 95
- Cost control, construction, company, information system, development, 199
- Costs, index, forecasting, time-series, building, price, 21
- Costs-in-use, content analysis, capital costs, S73
- Costs-in-use, design feedback, performance, running costs, building research, S23
- Costs, life cycle, maintenance, universities, buildings, S3
- Decision making, university research facilities, life cycle cost analysis, S31
- Design feedback, performance, running costs, building research, costs-in-use, S23
- Development, cost control, construction, company, information system, 199
- Economic efficiency, economic evaluation, internal rate of return, life-cycle costing, net benefits, savings-to-investment ratio, standard economic methods, benefit-cost analysis, benefit-cost ratio, building economics, S43
- Economic efficiency, resource allocation, production function, productivity, 101
- Economic evaluation, internal rate of return, life-cycle costing, net benefits, savings-to-investment ratio, standard economic methods, benefit-cost analysis, benefit-cost ratio, building economics, economic efficiency, S43
- Economics, projects, case-studies, intangibles, evaluation, 169
- Environment, strategy, planning, structure, style, skills, 141
- Estimating, construction industry structure, sub-contracts, labour only sub-contracting, 227
- Evaluation, economics, projects, case-studies, intangibles, 169
- Expenditure, output, 13
- Feasibility, funding programmes, real estate, Saudi Arabia, housing, 157
- Fire Services Order, compliance cost, statistical analysis, 3
- Forecasting, time-series, building, price, costs, index, 21
- Funding programmes, real estate, Saudi Arabia, housing, feasibility, 157
- Government policy, monopoly, building materials, market structure, 57
- Housing, feasibility, funding programmes, real estate, Saudi Arabia, 157
- Index, forecasting, time-series, building, price, costs, 21
- Inflation, cost control, business roundtable, construction costs, construction management, 95
- Information handling, planning deficiencies, planning techniques, purpose of planning, construction control, 243
- Information system, development, cost control, construction, company, 199
- Intangibles, evaluation, economics, projects, case-studies, 169
- Internal rate of return, life-cycle costing, net benefits, savings-to-investment ratio, standard economic methods, benefit-cost analysis, benefit-cost ratio, building economics, economic efficiency, economic evaluation, S43
- International construction, capital, project funding, 115

- Labour only sub-contracting, estimating, construction industry structure, sub-contracts, 227
- Life cycle, maintenance, universities, buildings, costs, S3
- Life cycle cost analysis, decision making, university research facilities, S31
- Life-cycle costing, net benefits, savings-to-investment ratio, standard economic methods, benefit-cost analysis, benefit-cost ratio, building economics, economic efficiency, economic evaluation, internal rate of return, S43
- Linear responsibility analysis, systems theory, project management, case study, private industry, building, 123
- Maintenance, universities, buildings, costs, life cycle, S3
- Managers, safety information, accident costs, accident prevention, construction safety, 73
- Manpower, simulation, optimization, multi-discipline organizations, projects, 45
- Market structure, government policy, monopoly, building materials, 57
- Monopoly, building materials, market structure, government policy, 57
- Multi-discipline organizations, projects, manpower, simulation, optimization, 45
- Net benefits, savings-to-investment ratio, standard economic methods, benefit-cost analysis, benefit-cost ratio, building economics, economic efficiency, economic evaluation, internal rate of return, life-cycle costing, S43
- Networks, probability, simulation, uncertainty, scheduling, projects, 187
- Optimization, multi-discipline organizations, projects, manpower, simulation, 45
- Output, expenditure, 13
- Performance, running costs, building research, costs-in-use, design feedback, S23
- Planning, structure, style, skills, environment, strategy, 141
- Planning deficiencies, planning techniques, purpose of planning, construction control, information handling, 243
- Planning techniques, purpose of planning, construction control, information handling, planning deficiencies, 243
- Price, costs, index, forecasting, time-series, building, 21
- Private industry, building, linear responsibility analysis, systems theory, project management, case study, 123
- Probability, simulation, uncertainty, scheduling, projects, networks, 187
- Production function, productivity, economic efficiency, resource allocation, 101
- Productivity, economic efficiency, resource allocation, production function, 101
- Project funding, international construction, capital, 115
- Project management, case study, private industry, building, linear responsibility analysis, systems theory, 123
- Projects, case-studies, intangibles, evaluation, economics, 169
- Projects, manpower, simulation, optimization, multi-discipline organizations, 45
- Projects, networks, probability, simulation, uncertainty, scheduling, 187
- Purpose of planning, construction control, information handling, planning deficiencies, planning techniques, 243
- Real estate, Saudi Arabia, housing feasibility, funding programmes, 157
- Resource allocation, production function, productivity, economic efficiency, 101
- Running costs, building research, costs-in-use, design feedback, performance, S23

- Safety information, accident costs, accident prevention, construction safety, managers, 73
- Saudi Arabia, housing, feasibility, funding programmes, real estate, 157
- Savings-to-investment ratio, standard economic methods, benefit-cost analysis, benefit-cost ratio, building economics, economic efficiency, economic evaluation, internal rate of return, life-cycle costing, net benefits, S43
- Scheduling, projects, networks, probability, simulation, uncertainty, 187
- Simulation, optimization, multi-discipline organizations, projects, manpower, 45
- Simulation, uncertainty, scheduling, projects, networks, probability, 187
- Skills, environment, strategy, planning, structure, style, 141
- Standard economic methods, benefit-cost analysis, benefit-cost ratio, building economics, economic efficiency, economic evaluation, internal rate of return, life-cycle costing, net benefits, savings-to-investment ratio, S43
- Statistical analysis, fire services order, compliance cost, 3
- Strategy, planning, structure, style, skills, environment, 141
- Structure, style, skills, environment, strategy, planning, 141
- Style, skills, environment, strategy, planning, structure, 141
- Sub-contracts, labour only sub-contracting, estimating, construction industry structure, 227
- Systems theory, project management, case study, private industry, building, linear responsibility analysis, 123
- Time-series, building, price, costs, index, forecasting, 21
- Uncertainty, scheduling, projects, networks, probability, simulation, 187
- Universities, building, costs, life cycle, maintenance, S3
- University research facilities, life cycle cost analysis, decision making, S31.

